

## NEW RHYNCHOPHORA FROM WESTERN UNITED STATES

(Coleoptera: Curculionidae)

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The following species new to science were found in material sent to the author for identification by C. A. Frost (C.A.F.) of Framingham, Massachusetts, and H. B. Leech of the California Academy of Sciences, San Francisco (C.A.S.). Additional material represented in the collection of the writer has been included (E.L.S.). The author is indebted to both for type material.

***Podapion alexanderi* Sleeper, new species**

*Male*—Elongate, subcylindrical, parallel; black, opaque, antennae reddish brown; sparsely clothed with short, fine, prostrate, pale pubescence.

*Rostrum* as long as pronotum, very strongly curved, smooth shining, finely, sparsely punctulate. Head convex, coarsely punctate, rugose between eyes; each puncture with a very short fine seta. *Prothorax* slightly wider than long, sides evenly rounded, feebly constricted at apex; pronotum coarsely punctate, intervals between punctures finely alutaceous. Scutellum short, rounded posteriorly. *Elytra* elongate, sides divergent in basal two-thirds, then rounded to apex; striae deep; punctures rounded, approximately own diameter apart, each with a short, fine, prostrate seta; intervals broad, flat, finely alutaceous, punctures not apparent; pubescence short, fine prostrate; first interval depressed behind scutellum in basal fourth. *Ventral side* with abdominal segments coarsely punctate, clothed with short, fine, prostrate pubescence. Length 3.4 mm., width 1.4 mm.

*Female*: Unknown.

*Holotype*, ♂, GLACIER PT. BOG, [YOSEMITE NATIONAL PARK, ALTITUDE 7600 FEET], CALIFORNIA VII-24-1946 (C. P. Alexander, E.L.S.).

Easily separated from *P. gallicola* Riley by the shorter sparser pubescence, near absence of an apical constriction of the prothorax and the coarse punctures of the abdominal segments. This may be the *P. gallicola* from California of Fall (1898) in his monograph of the *Apion*.

***Smicronyx mackenziei* Sleeper, new species**

*Male*.—Elongate-oval; black, femora and tibiae dark reddish black; densely clothed with prostrate, overlapping, pearl white, flat elongate-oval scales and semierect, long, narrow, yellowish white scales.

*Rostrum* about one-half longer than pronotum, evenly curved, basal half

strongly, coarsely punctured, punctures of apical half finer; a broad median smooth line dorsally. Antennae inserted at apical two-fifths; scape not attaining eyes. Second segment of funicle longer than third, elongate. Scape and funicle densely clothed with large white scales. Club finely densely pubescent. Head finely closely punctate. Constriction between rostrum and head very strong. *Prothorax* as long as wide, sides evenly arcuate with a prominent apical constriction; pronotum with sparsely placed, coarse, shallow punctures, area between punctures strongly alutaceous; sculpture obscured by dense vestiture. Scutellum minute, rounded. *Elytra* with sides parallel in basal half, then arcuate to apices; humeri evenly rounded; striae feebly impressed; strial punctures minute, barely perceptible; intervals broad, flat, finely wrinkled transversely; semierect, long narrow scales in a single row on each interval. *Ventral side* clothed as dorsum, broad flat scales sparser on abdominal segments which are smooth, shining, very sparsely punctured, each puncture with a scale. Prosternum deeply emarginate before coxae. Legs clothed as body; all tibiae unguiculate. Claws long, slender, slightly divergent, feebly connate in basal fourth. Length 2.2 mm., width 1.0 mm.

*Female*.—Rostrum longer, more slender, feebly curved. Length 2.3 mm., width 1.1 mm.

*Holotype*, ♂, and allotype, ♀, BORREGO, CALIFORNIA IV-6-40 (G. P. Mackenzie, E.L.S.). Two paratypes, both males (E.L.S., and C.A.F.).

*S. mackenziei* belongs in the *corniculatus* group of Dietz (1894). It keys to *sprucus* Casey (= *vestitus* LeConte), but is wholly unlike any of the species in this group. It differs from *vestitus* (= *sprucus*) in having the scales above white instead of pale brown, and the prothorax without vittae; prosternum is emarginate before the coxae. *S. mackenziei* superficially resembles *resplendens* but may be easily separated by the feebly connate tarsal claws, instead of to middle.

#### **Rhynchaenus griseus** Sleeper, new species

*Female*.—Elongate-oval, subdepressed; black, antennae, legs, and tarsi dark reddish brown; densely clothed with short, coarse, appressed, yellow setae. Scutellum densely clothed with yellowish white pubescence.

*Rostrum* three-fourths longer than pronotum, feebly curved, cylindrical, coarsely deeply punctured in basal two-thirds, finer in apical fourth. Antennae inserted in basal fourth, scape not attaining eye. Funicle six-segmented, first segment robust and one-half longer than second, second and third subequal. Club strongly ovate, compact. Head coarsely, closely punctate. Eyes prominent, strongly convex, separated by less than one-tenth their diameter. *Prothorax* one-half wider than long, sides strongly rounded to apical constriction; pronotum closely, coarsely, deeply punctured, each puncture with a recurved seta. *Elytra* with sides evenly rounded from base

to apex, widest about middle; humeri rounded, not prominent; striae deeply impressed, strial punctures large, round, deep, about their own diameter apart, each puncture with a prostrate yellow seta; intervals strongly confusedly punctate, area between punctures alutaceous. *Ventral side* with vestiture as on dorsum but sparser, Abdominal segments strongly convex, finely, densely punctured; fifth segment longer than fourth, posterior margin evenly rounded at apex. Posterior femora robust with one large and two small denticles. Tibiae thin, flattened on exterior surface, anterior and posterior edges straight. Claws with a broad tooth basally. Length 3.2 mm., width 1.5 mm.

*Male*.—Very similar to female, but differs in having the rostrum slightly shorter and pygidium broadly exposed.

*Holotype*, ♀, GREENLEE COUNTY, ARIZONA NEAR BULLARD PEAK VIII-20-42 (C. W. Jones, E.L.S.). Allotype, ♂, Whitewater Forest Camp, 5 mi. N.E. of Glenwood, Catron County, New Mexico VIII-21-52 (H. B. Leech and J. W. Green, C.A.S.). Fifty-two paratypes as follows: 9 Whitewater Forest Camp, VIII-21-52 (H. B. Leech and J. W. Green), 3 Sycamore Creek, Yavapai County, Arizona VIII-18-42 (C. W. Jones, E.L.S.); 36 Whitewater Forest Camp VIII-21-52, on mulberry leaves (H. B. Leech and J. W. Green, C.A.S.); 5 from 4 mi. N.E. Glenwood, New Mexico VIII-20-52 (H. B. Leech and J. W. Green, C.A.F.).

This species is nearest *R. puberulus* (Boheman) but differs in having denser yellow pubescence, narrower hind tibiae, more densely punctured pronotum and denser, shorter, coarser vestiture of abdominal segments.

STRONGYLOTES PARALLELA Champion

*Strongylothes parallelus* Champion 1907: 207.

Three examples of this species have been collected by Professor and Mrs. J. N. Knull in the Chiricahua Mountains, Arizona, all are deposited in the Entomological Collection at Ohio State University. *S. parallela* was described from Ciudad in Durango, Mexico and as far as I am able to ascertain was previously known only from the type series.

LITERATURE CITED

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